

In the Claims:

Please amend claims 27 and 28, and cancel claim 29.

Claims 1 - 2 cancelled

3. (Currently amended) The ~~immunogenic composition~~  
vaccine according to Claim 27, further comprising an  
inactivating agent.
4. (Currently amended) The ~~immunogenic composition~~  
vaccine according to Claim 3, wherein the inactivating  
agent is selected from the group consisting of  
formalin, beta-  
propiolactone, heat, binary ethylenimine, detergents,  
and freeze/thaw.
5. (Currently amended) The ~~immunogenic composition~~  
vaccine according to Claim 27, wherein the adjuvant is  
selected from the group consisting of polymers, oil in  
water, water-in-oil-in-water, lipids, aluminum  
hydroxide, aluminum phosphate, aluminum sulfate,  
immunomodulators and combinations thereof.

Claims 6 - 26 cancelled

27. (Currently amended) ~~An immunogenic A vaccine~~  
composition comprising an immunogenically effective  
amount of an L. intracellularis antigen, wherein said  
antigen consists essentially of an inactivated, tissue  
culture produced, whole cell L.intracellularis strain  
deposited as ATCC deposit No. 55370, and an adjuvant,

wherein on administration to swine said composition induces the production of antibodies to 21kD, 31kD, 41kD, 43-44kD, 60kD and 71kD antigens found on said *L.intracellularis* by Western blot analysis.

28. (Currently amended) The ~~immunogenic composition~~ vaccine according to claim 27, wherein the inactivated *L.intracellularis* ~~antigen comprises~~ is lysate of whole cell tissue culture grown *L.intracellularis*.

Claims 29 and 30 cancelled

31. (Currently amended) A method for protecting swine from disease caused by *L.intracellularis* comprising, administering to said swine an effective amount of the ~~immunogenic composition~~ vaccine according to claim 27.